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Figure 1

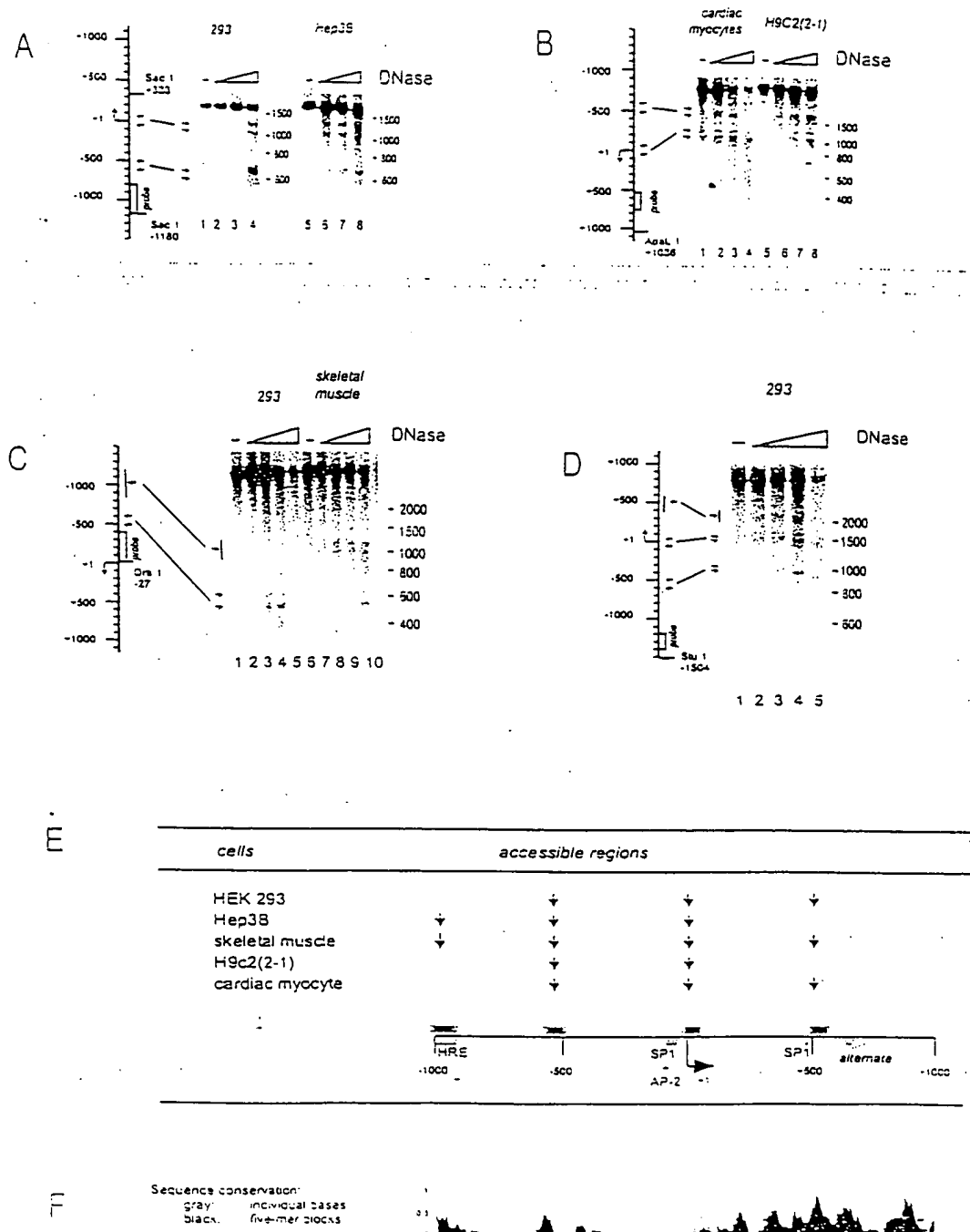


Figure 2

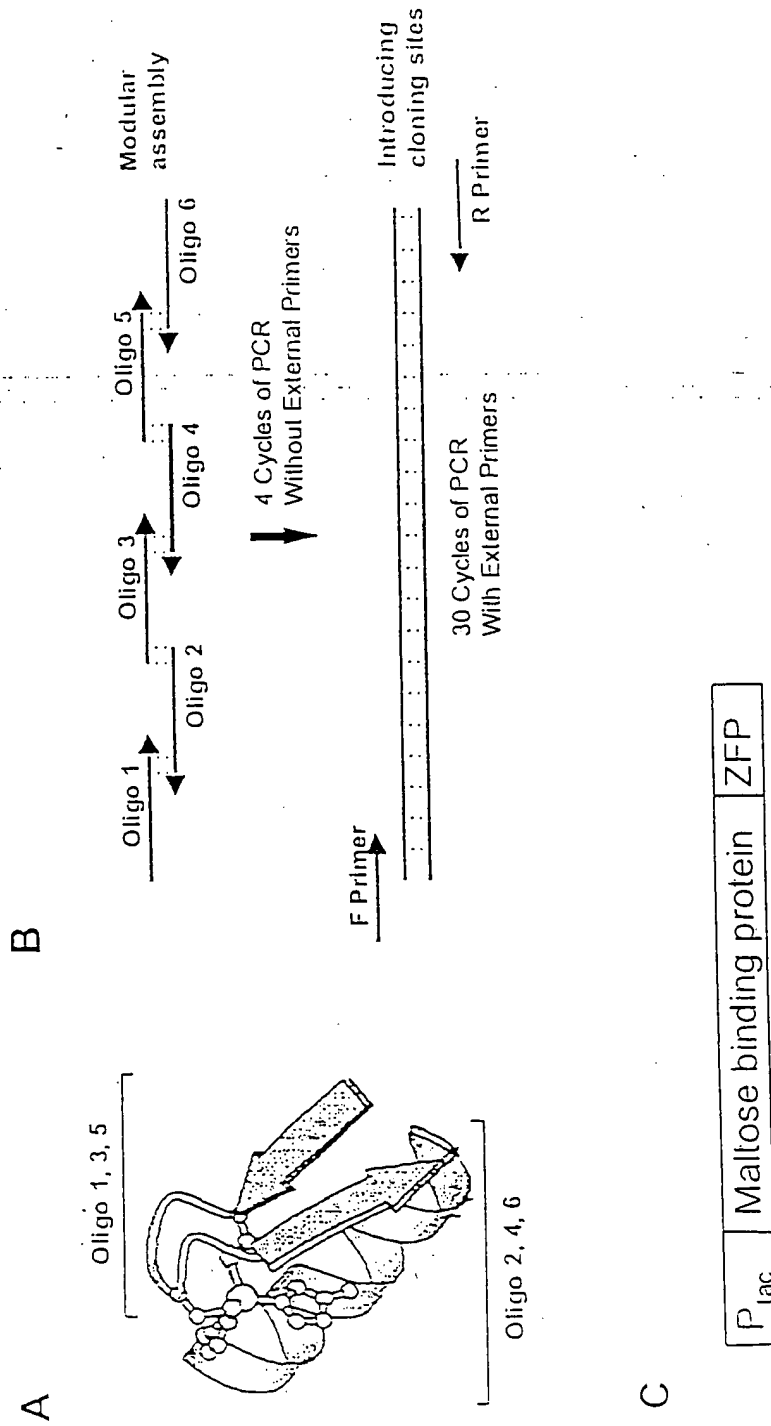


Figure 2

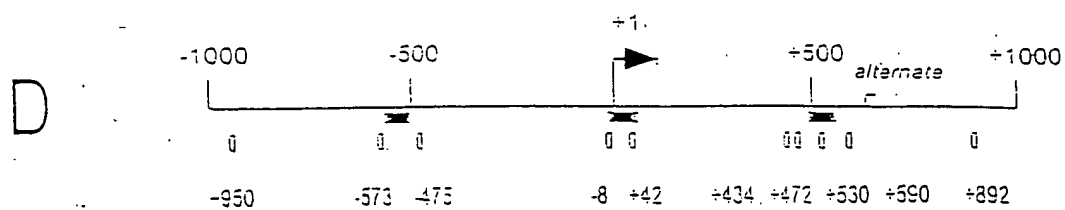


Figure 3

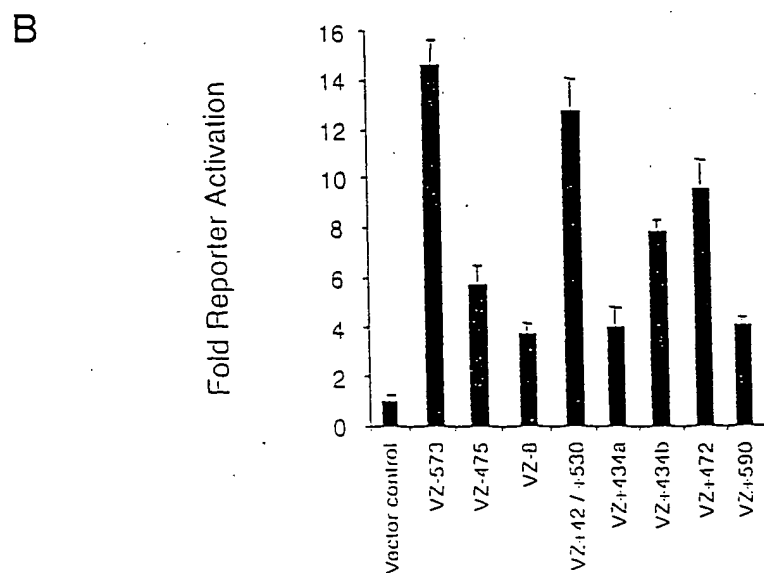
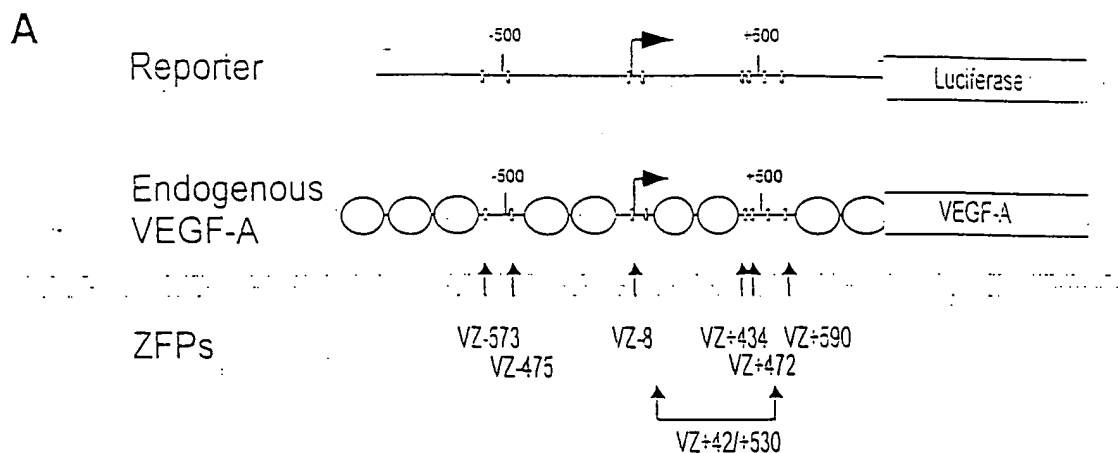
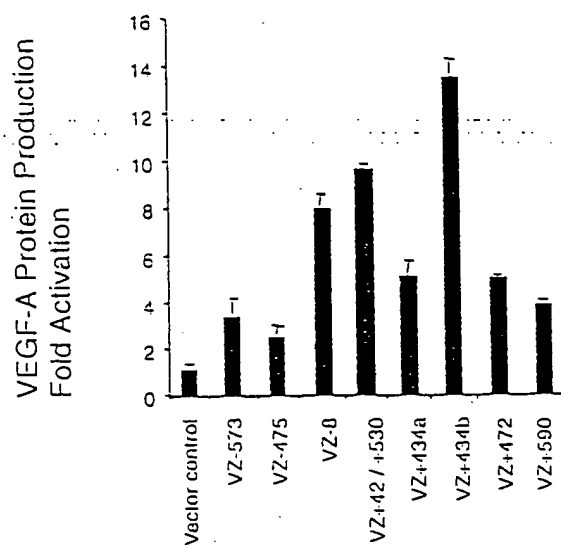


Figure 3

C



D

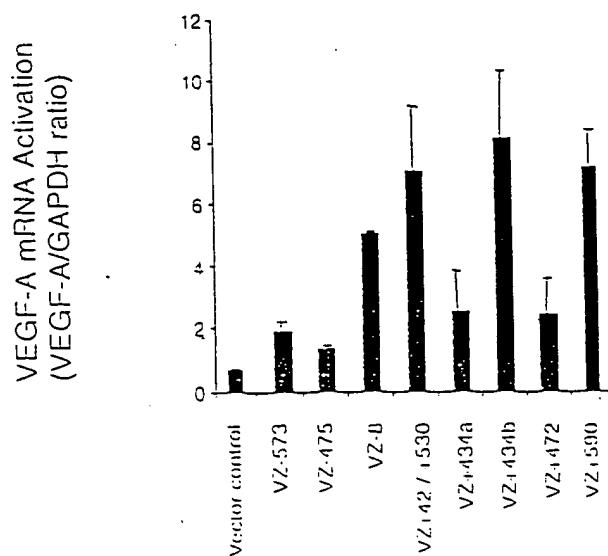


Figure 3

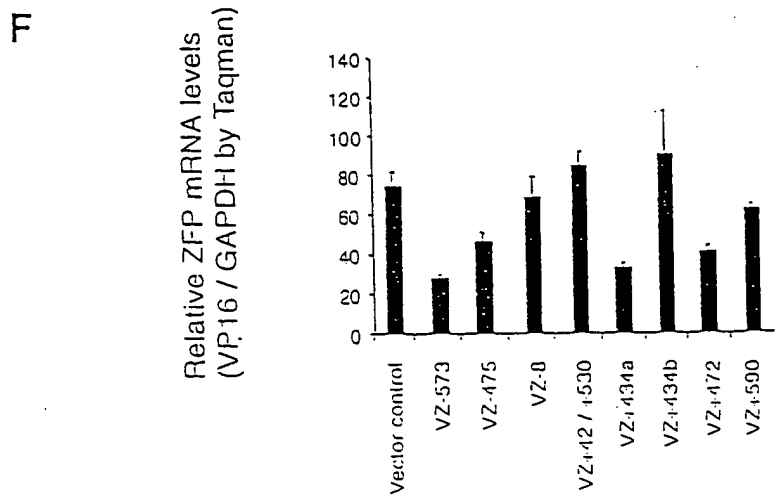
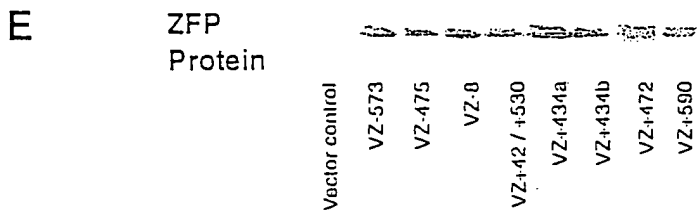


Figure 4

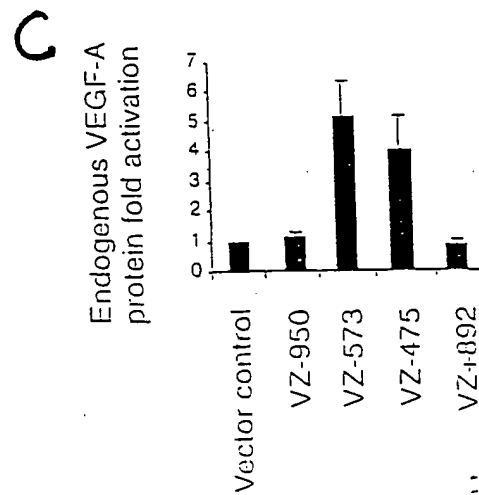
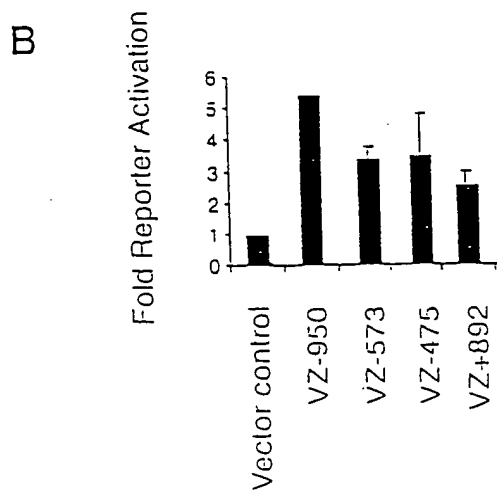
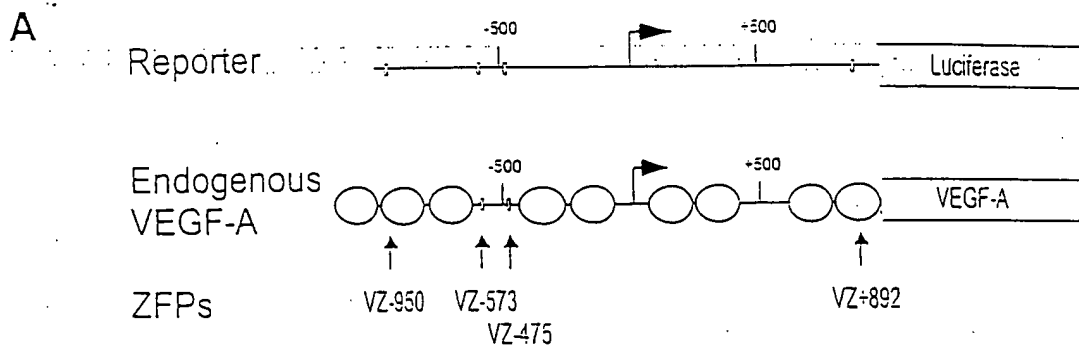


Figure 5

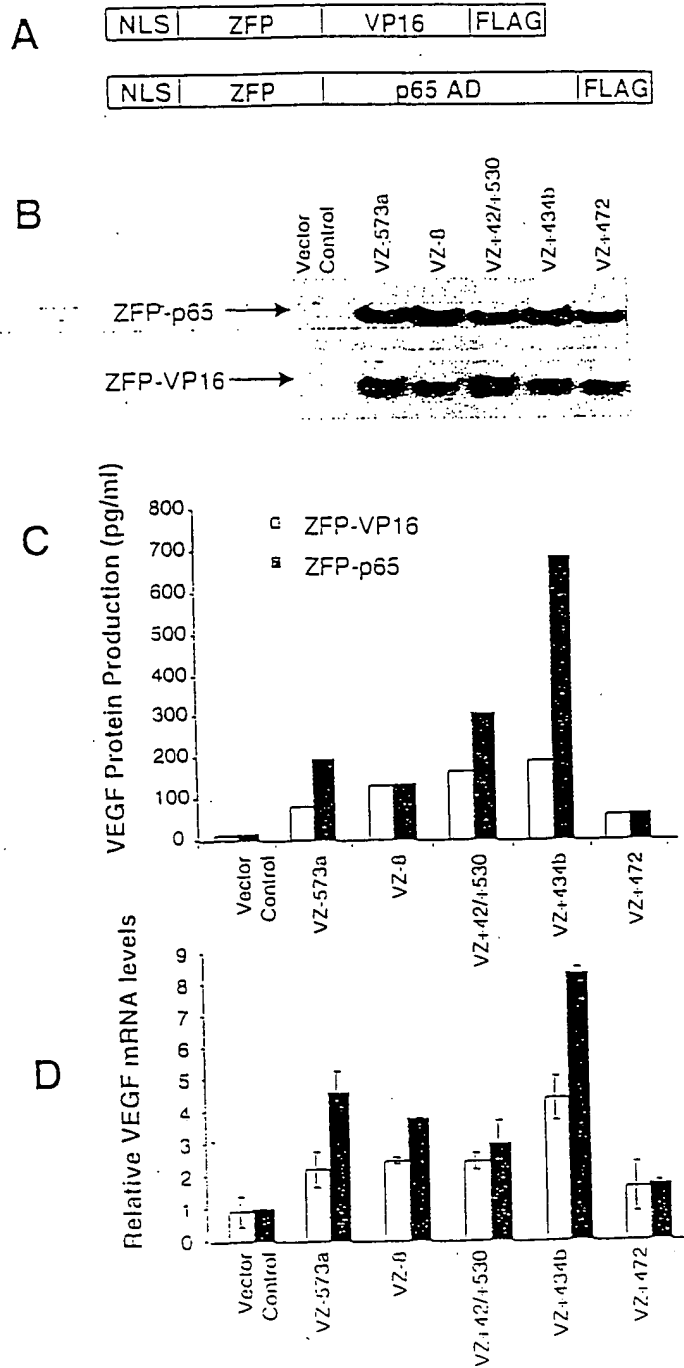


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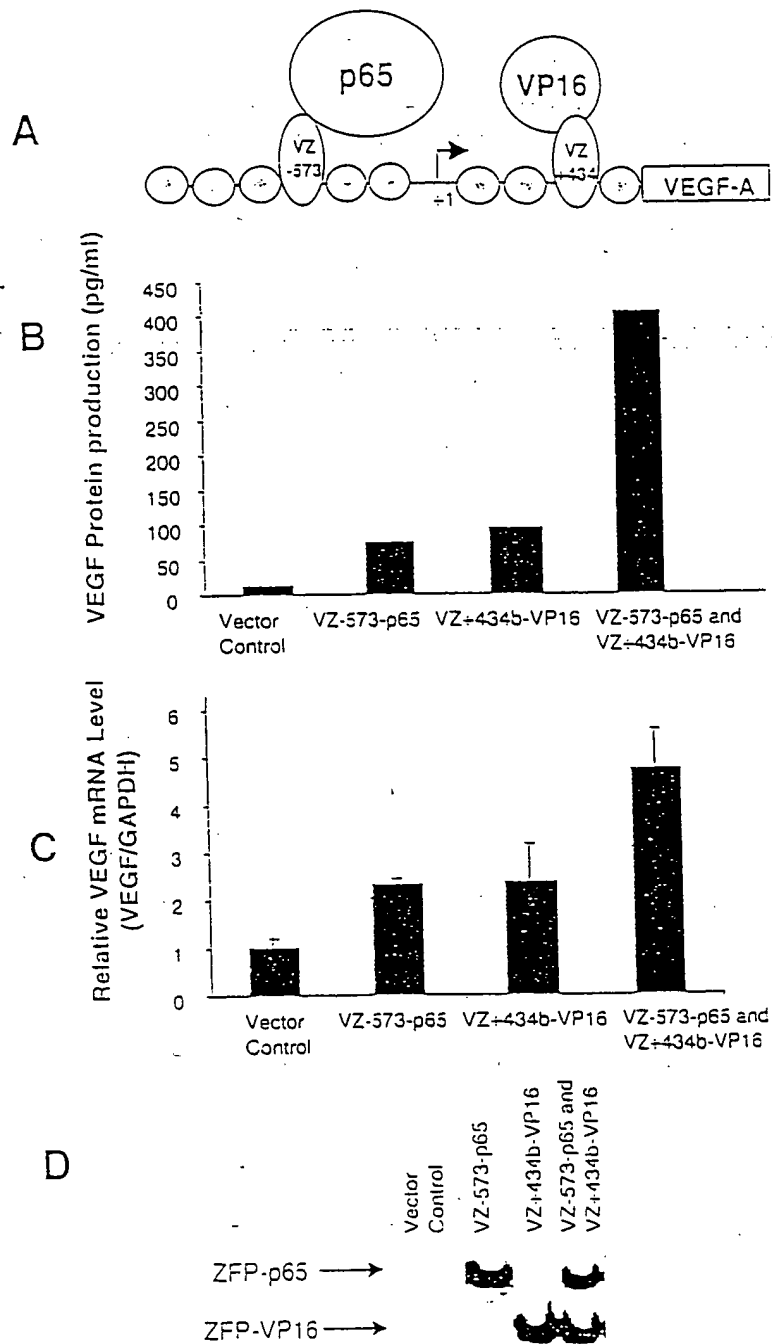
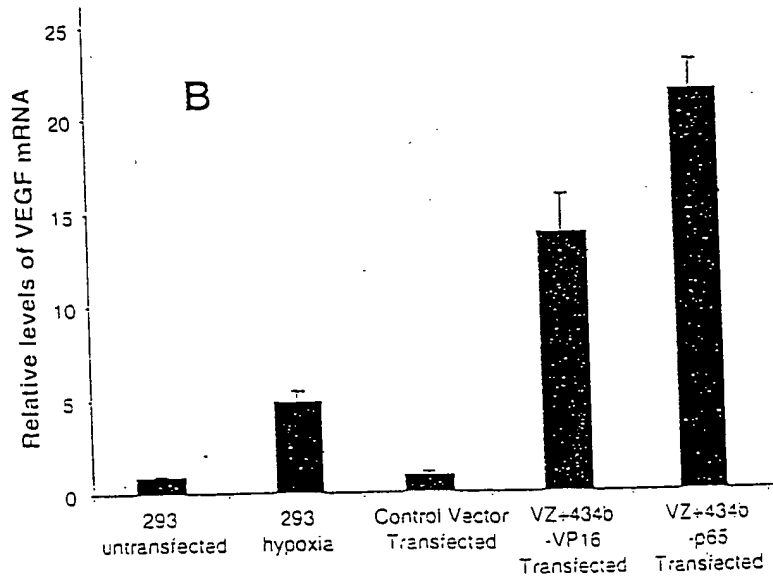
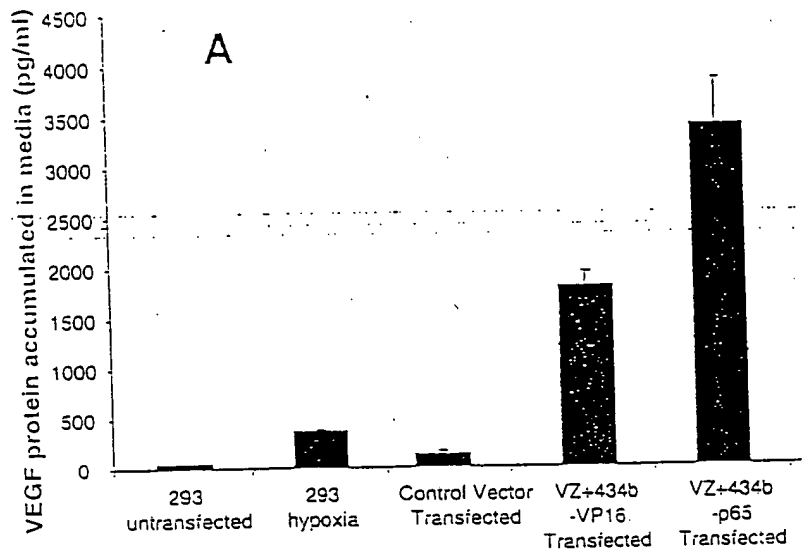


Figure 7



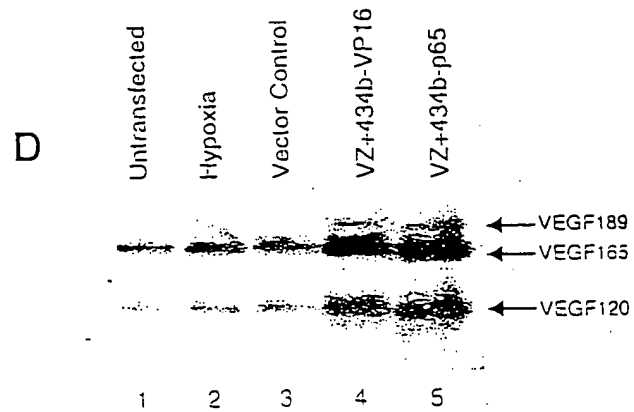
C

Untransfected Hypoxia Vector Control VZ+434b-VP16 VZ+434b-p65

← VEGF-A

← β-Actin

1 2 3 4 5



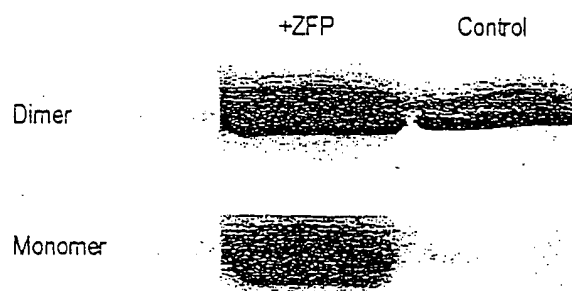


FIG. 8

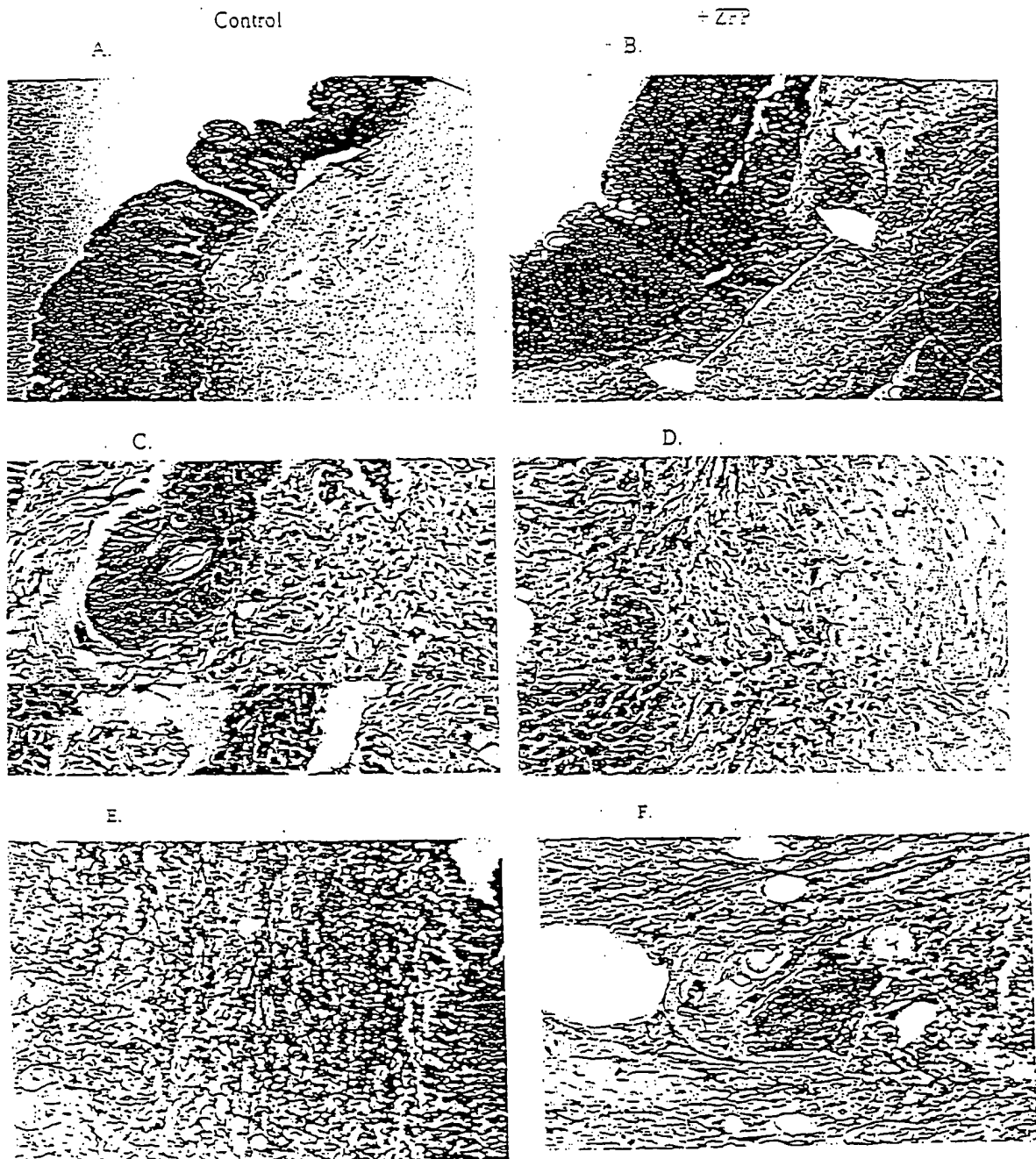
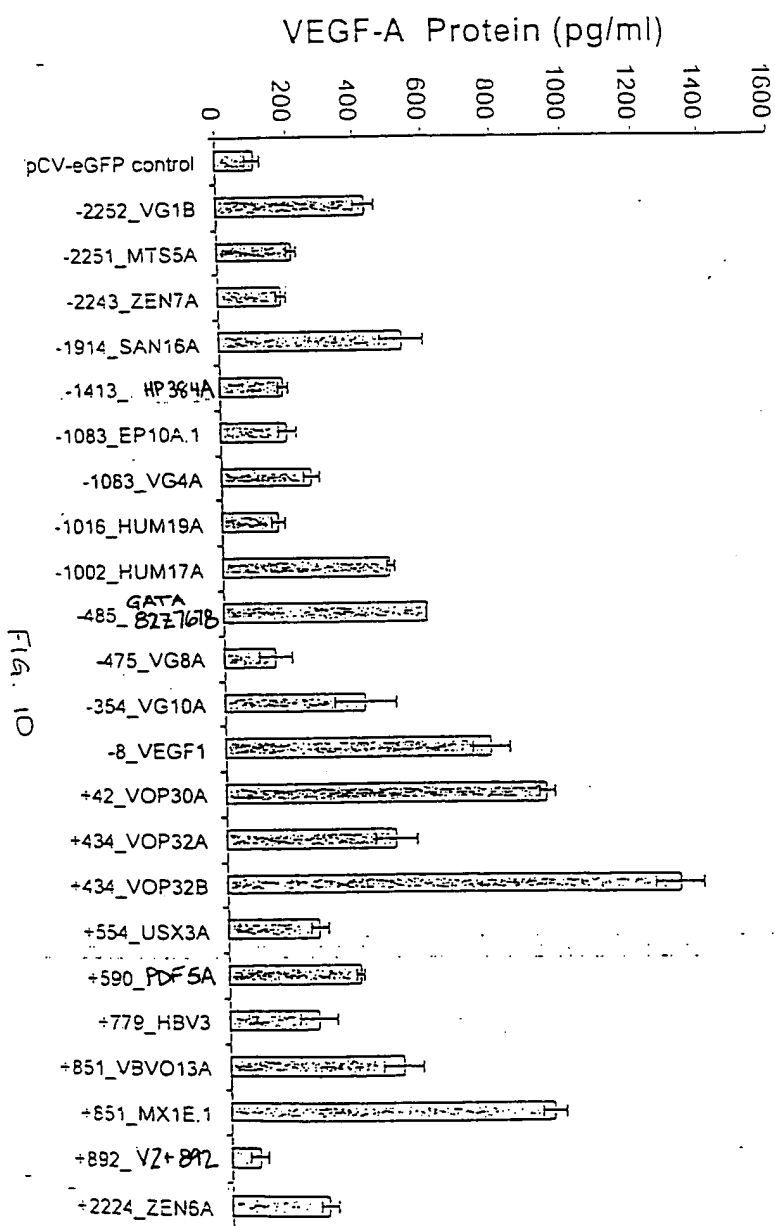
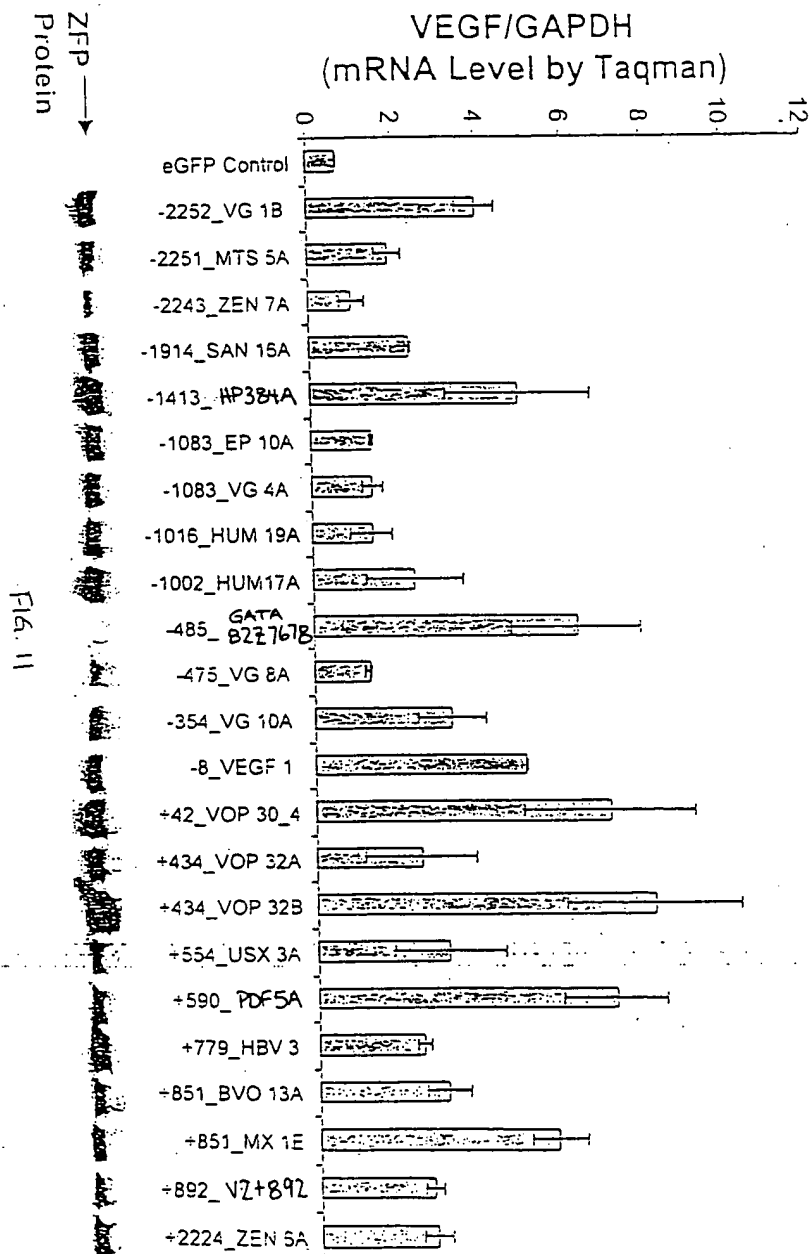


FIG. 9

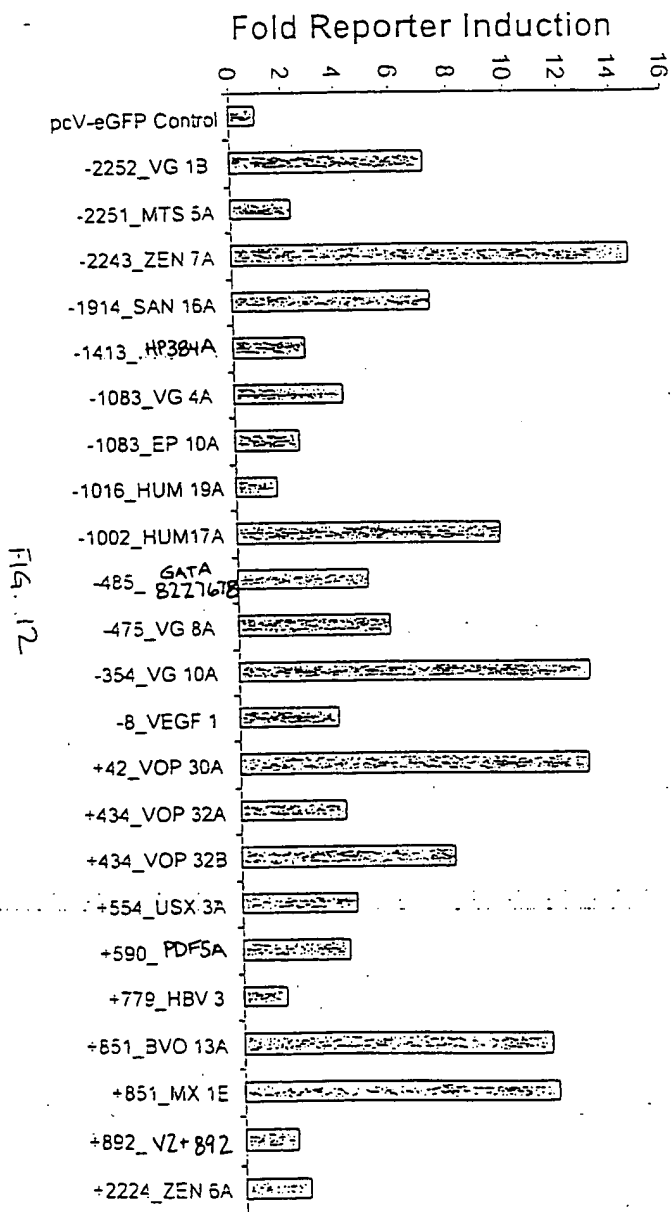
Activation of Human VEGF-A Gene By ZFPs in 293 Cells (VEGF-A protein production detected by ELISA)



Activation of Human VEGF-A Gene by ZFPs (VEGF-A mRNA Detected by Taqman Analysis)



Activation of Human VEGF-A Gene Promoter by ZFPs (Activation of VEGF Reporter in 293 cells)



VEGF Activation By ZFP VOP28A and RAT24A in 293 Cells
(VEGF protein detected by ELISA)

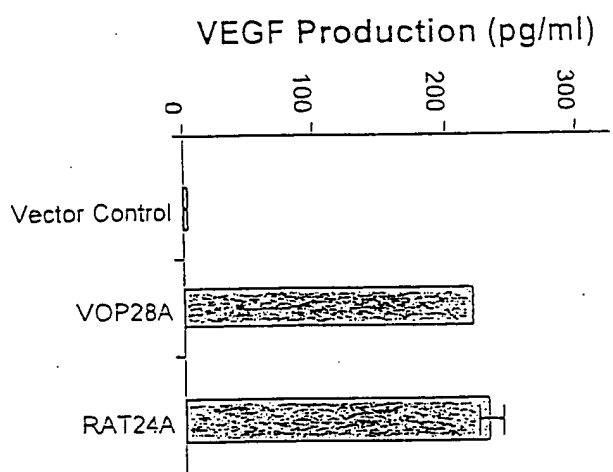


FIG. 13

Figure 14

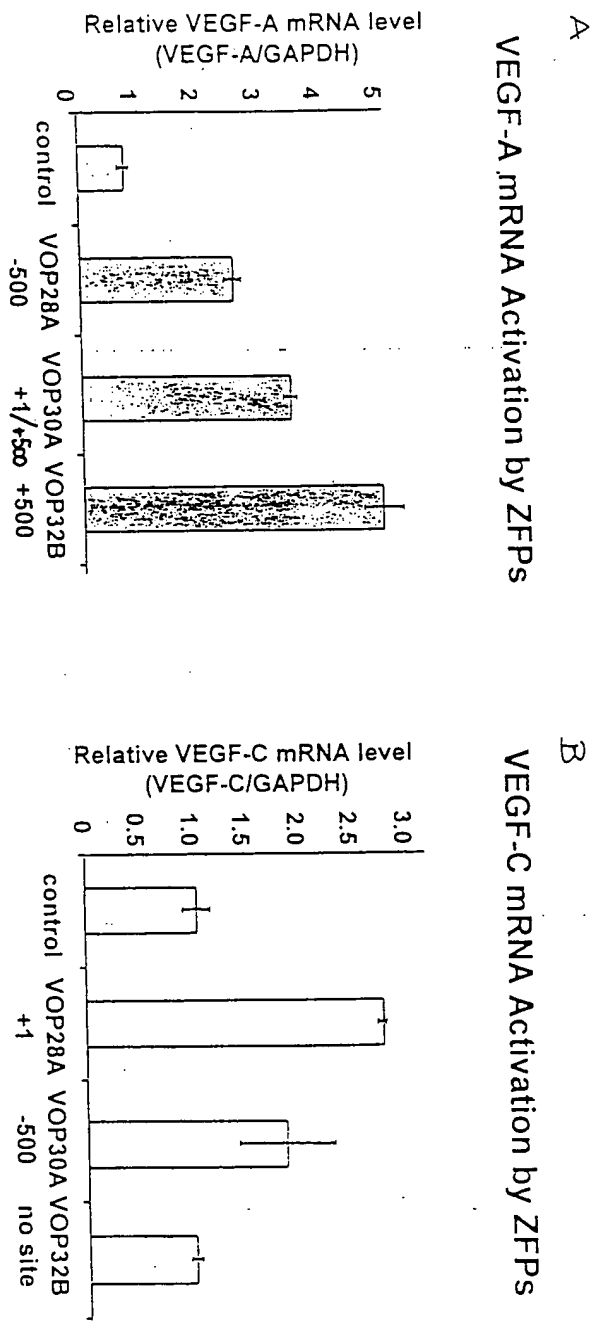


Figure 15

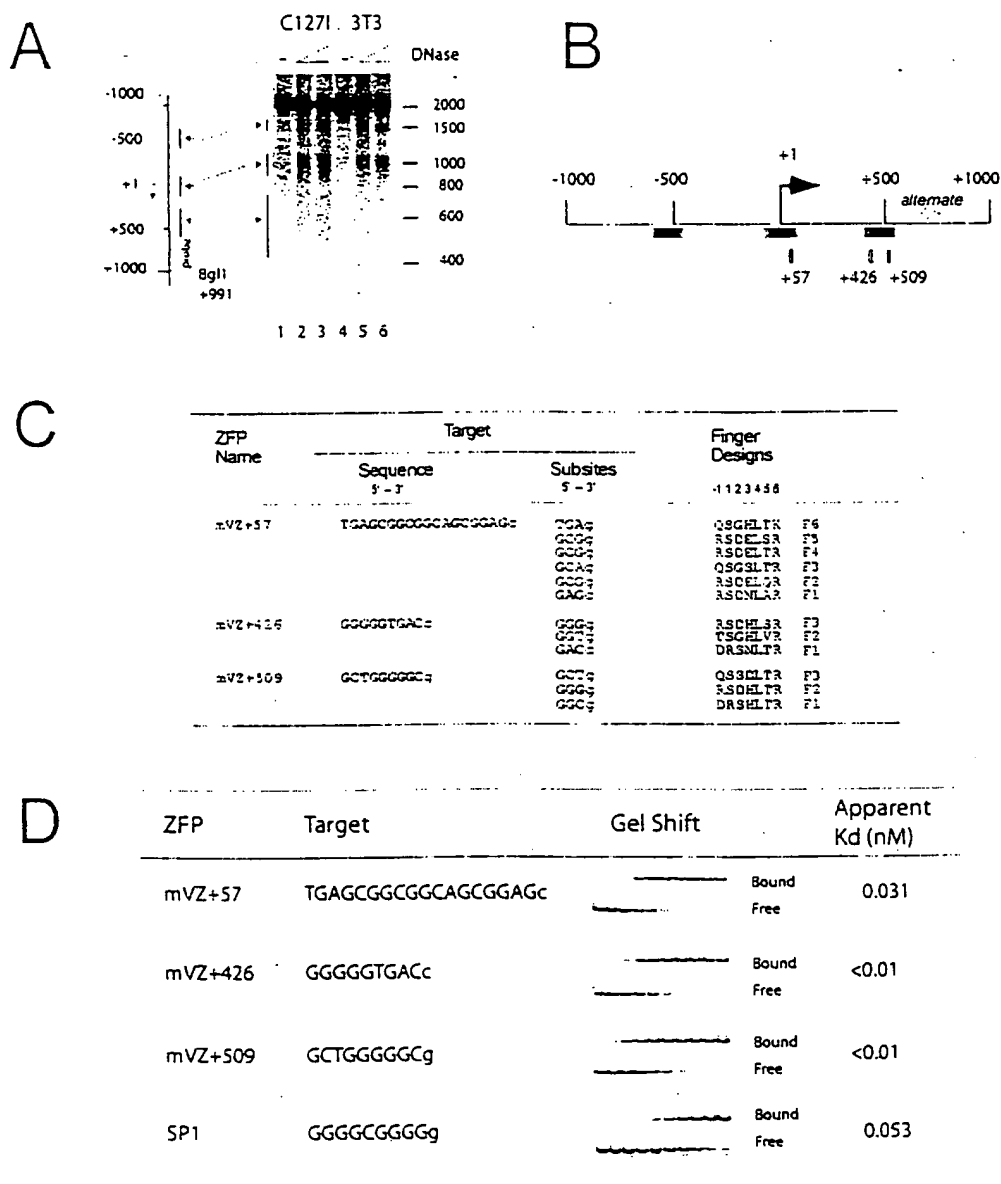
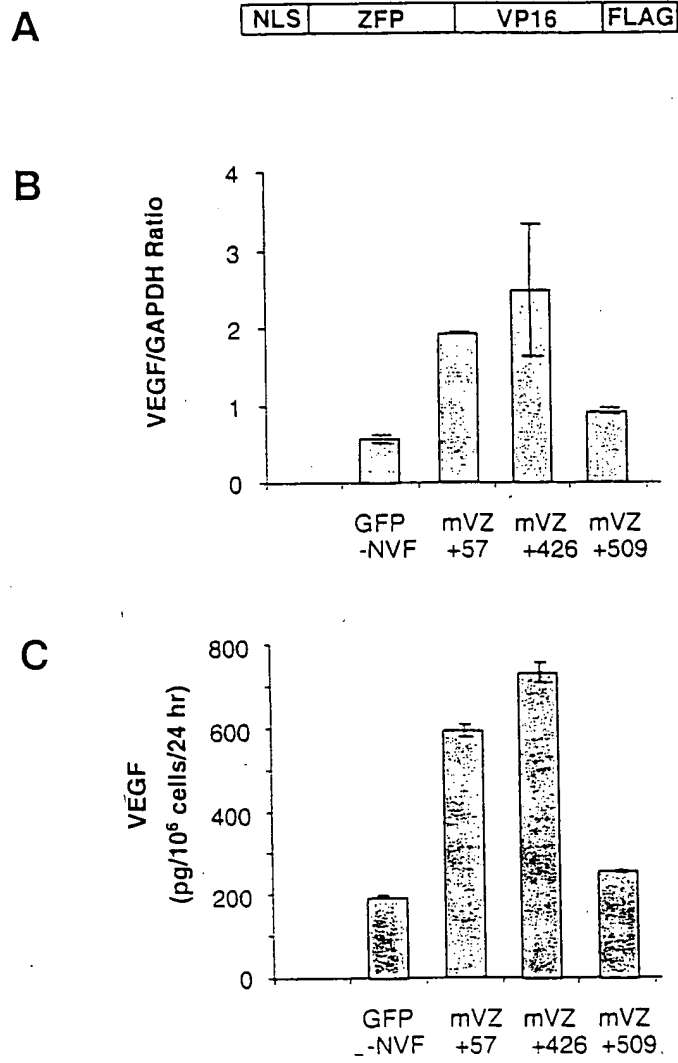


Figure 16



Smooth Muscle Cells Infected With
Adenovirus Expressing VPO 30A

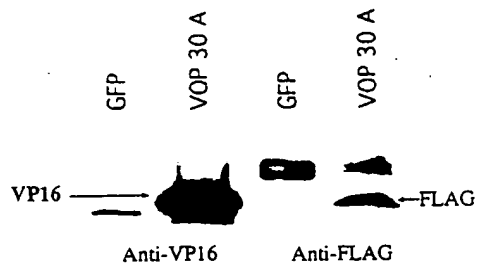


FIG. 17A

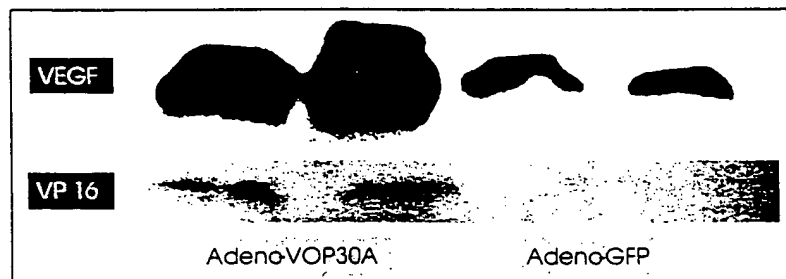


FIG. 17B

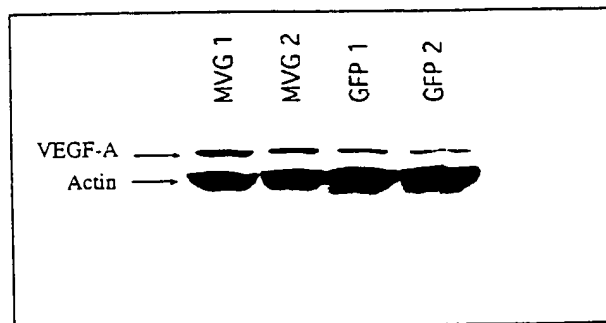


FIG. 17C

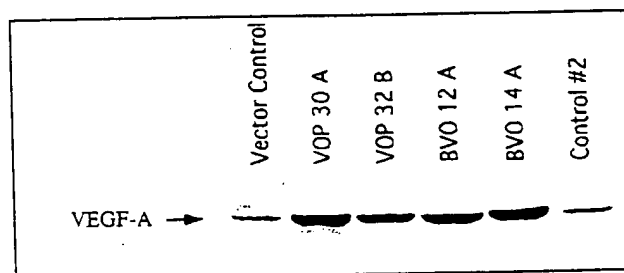


FIG. 17D

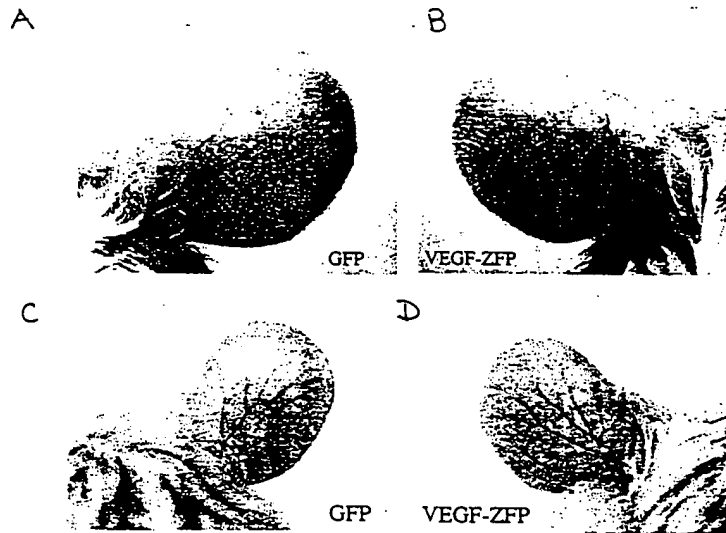


FIG. 18

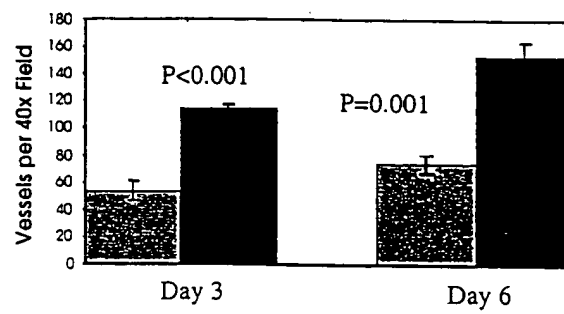


FIG. 18 E

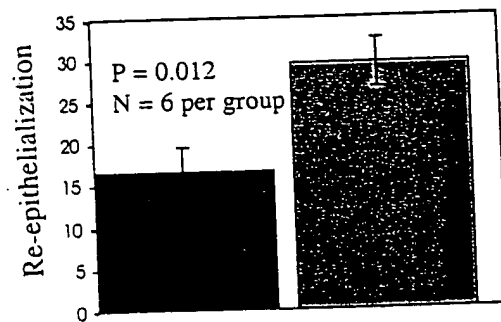
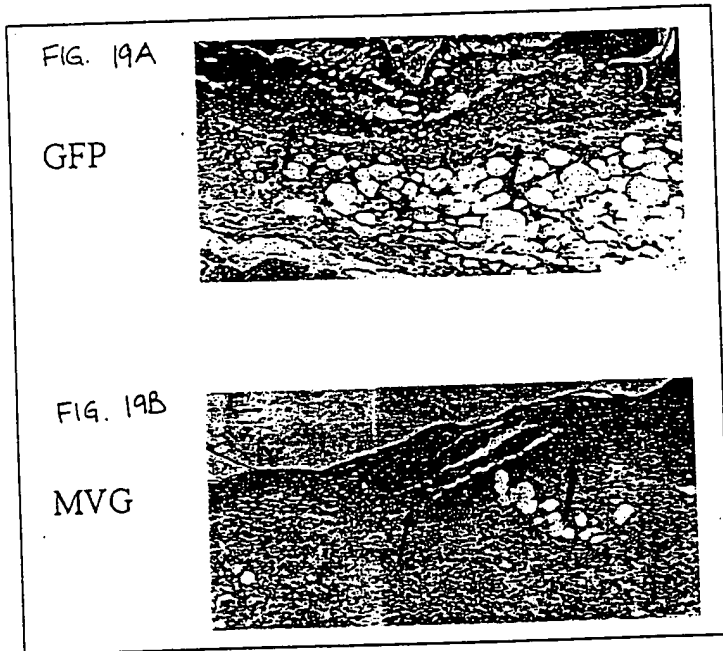


FIG. 19C



VEGF-ZFP (MVG)
(MVG)

FIG. 20A



GFP Control

FIG. 20B

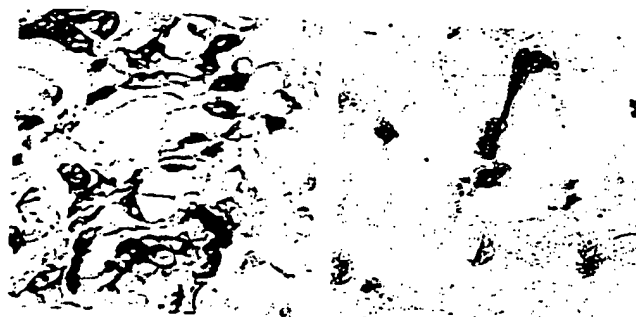


FIG. 21 A

FIG. 21 B

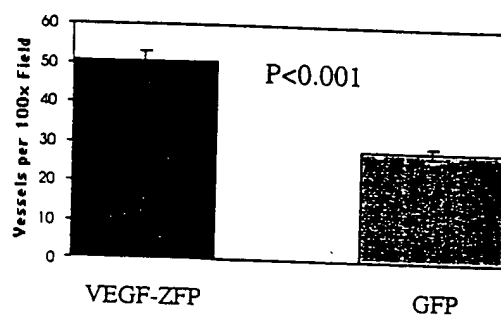


FIG. 21 C